

RESULT 2  
AAH25119  
ID AAH25119 standard; DNA; 1074 BP.  
XX  
AC AAH25119;  
XX  
DT 22-AUG-2001 (first entry)  
XX  
DE Nucleotide sequence of a human kinase polypeptide.  
XX  
KW Human; kinase; human disease; human disorder; ss.  
XX  
OS Homo sapiens.  
XX  
FH Key Location/Qualifiers  
FT CDS 1..1074  
FT /\*tag= a  
FT /transl\_except= "(pos: 838..843, aa: Ala)"  
FT /product= "kinase"  
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PN WO200142435-A2.  
XX  
PD 14-JUN-2001.  
XX  
PF 07-DEC-2000; 2000WO-US33240.  
XX  
PR 07-DEC-1999; 99US-0169428.  
XX  
PA (LEXI-) LEXICON GENETICS INC.  
XX  
PI Donoho G, Scoville J, Turner CA, Friedrich G, Zambrowicz B;  
PI Abuin A, Sands AT;  
XX  
DR WPI; 2001-381667/40.  
DR P-PSDB; AAB84360.  
XX  
PT Novel isolated human kinase polynucleotide that shares structural  
PT similarity with animal kinases including calcium/calmodulin-dependent  
PT protein kinases and serine/threonine protein kinases, useful in  
PT therapeutics -  
XX  
PS Disclosure; Page 30-31; 32pp; English.  
XX  
CC The present sequence encodes a kinase polypeptide. The kinase  
CC polynucleotides and polypeptides are useful in therapeutic, diagnostic  
CC and pharmacogenomic applications. They are useful for the detection of  
CC mutant kinases, or inappropriately expressed kinases for the diagnosis  
CC of a disease or disorder. They are useful for screening for drugs (or  
CC high throughput screening of combinatorial libraries) effective in the  
CC treatment of symptomatic or phenotypic manifestations of that disease  
CC or disorder. The polynucleotide sequence is useful as a source of  
CC probes and primers, which can be used to screen libraries, isolate  
CC clones, and prepare cloning and sequencing templates.  
XX  
SQ Sequence 1074 BP; 313 A; 258 C; 276 G; 227 T; 0 other;  
  
Query Match 100.0%; Score 1074; DB 22; Length 1074;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1074; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
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Qy 61 AAGATCTCGAGTTCAAAGAGACCCCTCGAACCGGGGCTTTCCGAAGTGGTTTAGCT 120  
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Qy 121 GAAGAGAAGGCAACTGGCAAGCTTTGCTGTGAAGTGTATCCCTAAGAAGGCGCTGAAG 180  
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Qy 421 GTCCACAGAGACCTCAAGCCGAAATCTCTGTACTACAGTCAAGATGAGGAGTCCAAA 480  
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Qy 541 GCCTGTGGAACCTCCAGGCTATGTCGCTCCTGAAGTCCTCGCCAGAACCTTACAGCAAA 600  
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Db 1021 TTGGCCAGCCAAAAGACTGTGCGTATGTAGCAAAACAGAACCTCAGCTGA 1074

## RESULT 3

AF286366

LOCUS AF286366 1579 bp mRNA linear PRI 17-AUG-2000

DEFINITION Homo sapiens CamKI-like protein kinase mRNA, complete cds.

ACCESSION AF286366

VERSION AF286366.1 GI:9837340

KEYWORDS

SOURCE Homo sapiens.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 1579)

AUTHORS Verploegen,S., Koenderman,L. and Coffer,P.J.

TITLE Identification and characterization of CKLiK: a novel granulocyte Ca2+/calmodulin-dependent kinase

JOURNAL Blood (2000) In press

REFERENCE 2 (bases 1 to 1579)

AUTHORS Verploegen,S. and Coffer,P.J.

TITLE Direct Submission

JOURNAL Submitted (11-JUL-2000) Dept. Pulmonary Diseases, University Medical Center Utrecht, Heidelberglaan 100, Utrecht 3584 CX, The Netherlands

FEATURES Location/Qualifiers

source 1. .1579

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CDS 88. .1161

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BASE COUNT 422 a 414 c 415 g 328 t

ORIGIN

Query Match 100.0%; Score 1074; DB 9; Length 1579;  
 Best Local Similarity 100.0%; Pred. No. 6.3e-301;  
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